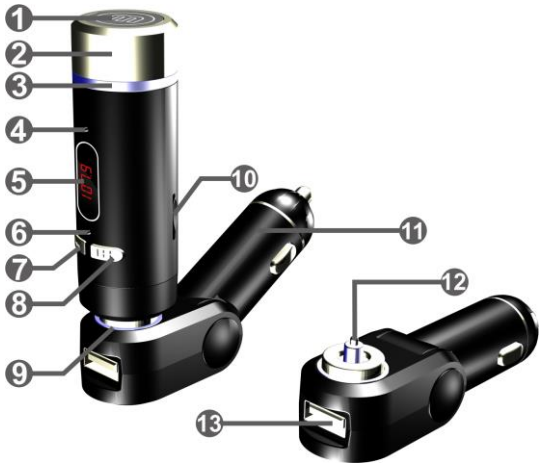
Bluetooth Car FM Transmitter
User Manual

Thank you for choosing and buying the Bluetooth Car FM transmitter. To optimise the performance of the product please read this manual carefully before use.

(I) PRODUCT INTRODUCTION

The Bluetooth Car FM transmitter is installed with a high-performance Bluetooth module and a sophisticated MP3/WMA decoding chip. It is able to play music from Micro SD and mobile phone through the car stereo via FM radio transmission. It Support Bluetooth hands-free phone calls and can switch to music automatically once the phone call has ended. You can enjoy music and answer phone calls simultaneously easily using Bluetooth.

(II) PRODUCT PICTURE



1: Play/Pause, Answer/Hang up calls

2: Volume control

3: Bluetooth and MP3 indicator light

4: Microphone

5: Display window

6: Reset button

7: Short press to previous track/frequency down/long press to Bluetooth

8: Short press to next track/long press to frequency up

9: Power light

10: Micro SD card

11: Power Adaptor

12: Cigarette lighter base

13: USB port

(III) FEATURES

1: Adjust the angle, suitable for different vehicles.

2: Support LED display and power on/off by software

3: Support Micro SD card (1G-32G)

4: Support multiple music formats (MP3/WMA/WAV)

5: Bluetooth hands-free

6: Support music playing via Bluetooth stereo

7: CVC technology cancels echo and reduces ambient noise.

8: Support IR remote control

9. Support IR remote control to receive calls or switch calls

10. Built-in chargeable lithium battery

11. Can power other equipment via USB. Max output 5V/2.1A

12. Product and cigarette lighter work separately for easy operation

13. Stereo Bluetooth and FM transmitter

14. Automatically power-off memory

15. Volume adjustment at 360 degree and pick up calls by separate top button easily

(IV) OPERATION GUIDE

4.1: Playing music

4.1.1 Power on by long pressing M button for three seconds, and power off by long pressing another three seconds.

4.1.2 When switched off, put main board on cigarette lighter base. Device will power on automatically if there is power being supplied. LED will display BT. If card is inserted, device will play music automatically.

4.1.3 Plug in the device to the cigarette lighter socket. Insert Micro SD card stored with MP3 or WMA files. It will play music automatically once music files are detected. Press ⏮ and ⏭ to play previous and next track. Press 'M' button to play or pause.

4.1.4 Turn on the car's FM radio and adjust frequency of the device to match the car radio. Music from the device can now be heard from the car stereo.

4.1.5 Frequency adjustment

Long press ⏭ to frequency adjustment, LED display will show frequency. Then press ⏮ and ⏭ to adjust frequency from 87.5 to 108MHZ.

4.1.6 Adjust potentiometer clockwise for volume up & anticlockwise for volume down.

4.1.7 The device has a chargeable lithium battery. Put main board on cigarette lighter base and it will charge automatically while playing music.

4.2 Pairing the Bluetooth and cell phone

Pair the cell phone with the device on first use. Please refer to the user manual of your cell phone for specific details on Bluetooth connectivity.

1. While music is playing long press ⏮ and music will stop playing.
2. Turn on the Bluetooth hands-free device, and activate your cell phone's Bluetooth function, then search for 'Car Kit' on your mobile phone.
3. Select 'Car Kit' device.
4. Enter the password '0000' if it is requested.

5. Select 'Car Kit' from the list on the mobile phone's paired devices, then select 'Hands-free device' from authorised devices.

Additional equipment connections:

The device will only connect automatically when powered on if it has previously been paired.

Attention: some phones can connect to the device automatically again after a restart. Some phones may need to be authorised for each connection. You may set as an 'Automatic connection'. If you require detailed instructions, please refer to phone's user's manual.

4.3 Using Bluetooth hands-free

(When the Bluetooth FM transmitter is on standby or playing music)

4.3.1 Making a call

When in 'connected' state, dial a phone number on your mobile phone and voice will play from your car radio automatically. LCD displays 'BT'.

4.3.2 Answering a call

When in 'connected' state and there is an incoming call press M button to answer the call, then press ⏮ or ⏭ to choose the phone private talking mode or Bluetooth hands-free mode, press M button again to hang up the call.

4.3.3 Reject a call

When there is a call but you don't want to answer it, press M button two times to reject the call.

4.4 Play music stored in phone

This device Support A2DP and can play music stored in a mobile phone by transmitting the music to the car audio via a Bluetooth hands-free FM transmitter. This results in higher quality sound.

4.4.1 According to phone's manual, set the music player of the phone to output via Bluetooth

4.4.2 Once setup the cell phone's music will transmit through the FM transmitter and play from the car radio.

(V) POWER-OFF MEMOREY

When the device is powered off it will automatically memorise the frequency in use and the point where the music has stopped and will resume playing from that point when powered on next time. However, when the storage device have been changed or removed, or when errors have been detected, the system will automatically restore the default settings.

(VI) REMOTE CONTROL

1:CH-: Frequency down

2:CH+: Frequency up

3:⏮ : Previous song

4:⏭ : Next song

5:⏯ : Play/Pause/ Answer or Hang up a call

6:- : Volume -

7:+: Volume +

8: EQ: Choose different kinds of sound effect

9: 0~9: quick to pick up a song by pressing number key

10: MODE : Music player / Bluetooth

11：: Answer or Hang up a call

12：: Switch between Bluetooth and cell phone when on calling.

(VII) SPECIFICATION

Rated Voltage	12V
Limited voltage	9~26V
USB output	5V/2.1A
Work temperature	0~50 ℃
Support file format	MP3 / WMA/WAV
SNR	>60dB
Degree of distortion	<0．1%
Frequency response	20Hz-15Khz
Left and right channel dB	>60dB
Bluetooth version	Version 2.0
Bluetooth feature	A2DP (Advance Audio Distribution Profile)
Bluetooth Transmit distance	10M
Bluetooth microphone effective range	0.5~2M
FM Transmit frequency	87．5~108Mhz
Transmit frequency modulation mode	Stereo digital PLL frequency lock

(VIII) WARNING

1．Do not turn the FM transmitter volume too high to avoid voice distortion (normally at 28 or below). Please use the volume on your car audio system.

2．Select a preset channel without signal interference.

3．Operation mode for Bluetooth may be different due to differences from various mobile phones.

4. Some models of mobile phone won't connect automatically after powering is off and therefore require pairing again.

5. The device is compatible with 95% of the mobile phones in the market, but not all. Please understand this before purchasing this product.

6. In phone calling mode, the volume should be moderate to avoid affecting the other end of the call.

7. Do not use the product in dusty, high-humidity, or extreme-temperature conditions.

8. Prevent the product from falling to avoid damage.

9. Do not open the product yourself. Please contact the distributor if you require assistance.

10. Data in this manual is subject to alteration without prior notice.

11. This device will auto power off if no Bluetooth device is paired or if there is no Micro SD card inserted.

(IX) TROUBLE SHOOTING

Device not powering on or nothing displayed when power is on	Check if contact between the device and cigarette socket is undone, or if cigarette socket is rusty. Check if fuse of the device has burned out. If yes, please replace with same fuse. Pull out the device from cigarette socket and plug in again.
Playing failure	Check if the Micro SD card connection is ok, or retry with another Micro SD card. Check if the file format is correct. It can support MP3 or WMA only. ·Check volume is not set at '0'
.Muting noise but no voice	·Check if player is on 'PAUSE'. Check if volume is on 0 or is low.
Bluetooth hands-free failure	Check if mobile telephone has been connected with the player.
No sound transmitted to car audio	Check if the device is in transmitting state. Check if transmitting frequency is the same with receiving frequency of the car radio.
Noise with transmission	Check if the preset channel has a strong signal, try to change to a channel without signal interference.
Remote control not working	Make sure you take off the battery bar paper. Check if the battery has low power which may need to be changed.

(X) INCLUDED ACCESSORIES

1. Remote control

2. User Manual

3. Device

4. Packaging